

Appln No. 09/693,226
Amdt. Dated March 10, 2005
Response to Office action of February 25, 2005

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An apparatus for reading data encoded in a fault tolerant digital form printed in invisible ink on a surface of a card, said data being printed on the surface independently of other images on the surface, said apparatus comprising:
 - a) scanning means for scanning in said encoded fault tolerant digital form of said data on said surface;
 - b) means for processing said scanned data and for decoding said data into a secondary digital format;
 - c) means for outputting said secondary digital format to an output device with which said secondary digital format is usable;
 - d) said output device presenting said data in a human readable form,wherein said data is printed to cover substantially the entire area of the at least one surface of the card.
2. (Original) An apparatus as claimed in claim 1 wherein said data is encoded in a fault tolerant digital form using a Reed-Solomon process and said means for processing and decoding said data includes means for processing said Reed-Solomon process.
3. (Original) An apparatus is claimed in claim 2 wherein said output device includes a display device.
4. (Original) An apparatus as claimed in claim 1 wherein said invisible ink is an infra-red absorbing ink with negligible absorption in the visible spectrum
5. (Cancelled).
6. (Previously Presented) An apparatus as claimed in claim 1 wherein said data is printed with resolution of about 1600 dpi.

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7. (Previously Presented) An apparatus as claimed in claim 6 wherein said scanning means include a sensor with resolution of at least 4800 dpi.